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CLASSIFICATION CONFIDENTIAL
 SECURITY INFORMATION
 CENTRAL INTELLIGENCE AGENCY
 INFORMATION FROM
 FOREIGN DOCUMENTS OR RADIO BROADCASTS CD NO.

COUNTRY USSR
 SUBJECT Economic; Technological - Automobile industry
 HOW PUBLISHED Daily newspapers
 WHERE PUBLISHED USSR
 DATE PUBLISHED 30 Jun - 16 Nov 1951
 LANGUAGE Russian

DATE OF INFORMATION 1951
 DATE DIST. 15 Mar 1952
 NO. OF PAGES 4
 SUPPLEMENT TO REPORT NO.

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AUTOMOBILE PARTS PLANTS CUT PRODUCTION COSTS

YEREVAN PLANT CUTS COSTS, SHIPS PARTS TO PROJECTS -- Yerevan, Kommunist, 30 Jun 51

In the first quarter of 1951, the Yerevan Avtodetal' Plant lowered the production cost of goods 7.4 percent as compared to 1950. This result was attained by saving expensive alloy tool steel, reducing the consumption of metal per unit of output, and carrying out a number of organizational and technical measures. Lowering the consumption of tools by one percent saves the plant 25,000 to 30,000 rubles. Rejects caused by defective tools during a 5-month period dropped 28 rubles per 1,000 rubles of finished products sent for inspection, as compared to the corresponding period of last year. In 5 months of 1951, the tool shop prepared 3.4 percent of the total quantity of tools used by restoring old tools.

Production cost of output was lowered by reducing allowances when a part underwent a series of lathe operations, by inspecting parts as they came off the machine tools, by improving the inspection of steel going into production, and by improving the heat-treating process.

The plant has adopted chrome-plating of cutting and measuring tools, and also replates worn-out tools. This saves scarce materials used in making tools. Adoption of this method increased the life of gear broaches for making third- and fourth-speed gears by two and a half times, of smooth limit gauges, more than two times, and of snap-gauges, two times. In the second half of 1951, dimension chrome-plating of complex cutting tools will be adopted to help reduce expenditures on tools.

Increase in the output of some types of automobile spare parts made necessary stringent measures for the conservation of scarce high-speed cutting steel. For example, notched cutters for boring the inside surfaces of third- and fourth-speed gears were formerly made from disks of RF-1 high-speed steel 80 millimeters in diameter. In making these cutters, 40 percent of the expensive metal was wasted in shavings. Z. Armaganyan, assistant chief of the tool

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shop, devised a means of making these cutters from worn-out hobbing cutters which were formerly thrown out as scrap. Moreover, he proposed that milling machine key seat cutters be made from worn-out broaches. Adoption of these proposals helped the plant out of a difficult situation and produced a considerable saving. In the past 2 months, the plant consumed 18 percent fewer tools than it did at the beginning of the year.

Yerevan, Kommunist, 21 Aug 51

The Yerevan Avtodetal' Plant completed shipment of its 1951 quota of automobile parts, a total of 44,000 parts, to the projects on 20 August. In the middle of the year, the Ministry of Automobile and Tractor Industry increased the plant's quota and assigned it new parts to be put into production.

Plant workers have promised to make 2,400 parts above the 1951 plan for the Kuybyshev GES project and have assumed similar increased obligations towards the other projects.

Yerevan, Kommunist, 5 Oct

Adoption of the statistical control method in the heat-treating shop of the Yerevan Avtodetal' Plant reduced the number of parts sent back for reprocessing by 75 percent, sharply reduced losses due to rejects, and considerably reduced the labor consumption of control operations.

New control methods adopted in the production of gears for third and fourth speeds of ZIS-5 and GAZ-MM transmissions reduced between-operations rejects by 16 percent and improved the quality of output. -- G. Tadevosyan, chief, Central Laboratory, Yerevan Avtodetal' Plant

Yerevan, Kommunist, 15 Nov 51

The Yerevan Avtodetal' Plant has been awarded an all-Union third prize by the All-Union Central Council of Trade Unions (VTsSPS) and the Ministry of Automobile and Tractor Industry for its achievements in the third quarter of 1951.

Plant workers promised to fulfill the 1951 plan by 29 November.

INCREASES PRODUCTION TENFOLD -- Moscow, Moskovskaya Pravda, 31 Aug 51

The Moscow Automobile Aggregate Plant, a branch of the Moscow Automobile Plant imeni Stalin, has won the Stakhanovite title.

In the course of the postwar Five-Year Plan, the plant has increased gross and commodity production ten times, and labor productivity has increased seven and five tenths times. Rejects and losses caused by rejects have been reduced four times, and about 6 million rubles have been saved above the plan.

In the piston and drivers' tools shops, each worker operates two or three machine tools.

By reducing all types of expenses beyond the plan, the plant saved 237,000 rubles in the first 7 months of 1951. Seventy percent of the plant's equipment has been put on the socialist maintenance program.

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PLANT BOOSTS OUTPUT, SAVES MATERIALS -- Moscow, Vechernyaya Moskva, 10 Sep 51

The Moscow Automobile and Tractor Electrical Equipment Plant No 1 (ATE-1) has been awarded Stakhanovite title by the collegium of the Ministry of the Automobile and Tractor Industry. In the first half of 1951, 17 brigades alone saved tens of kilograms of tungsten, about 22,000 meters of fabric tape, and hundreds of kilograms of wire, for a total saving of more than 300,000 rubles.

The production of more than 100 large-size parts has been organized on the statistical control method. This has reduced rejects in the automatic machine shop from 1 1/2 percent to 0.3 percent, and has completely eliminated sending parts back to be corrected.

Shafts for diesel starters were formerly machined on lathes, but now they are made on a special machine tool which is five times as productive.

In 1951, assembly of almost all products was organized on conveyor assembly lines.

Ninety percent of the plant's output consists of new types of electrical equipment which are basically different from prewar models. During the post-war Five-Year Plan, the plant has organized the production of 50 new types of equipment. Less metal is used in the new designs, and the consumption of metal per unit of horsepower in the new automobile generators is about half that of prewar generators.

In the first 6 months of 1951, plant engineers and technicians have designed 14 new types of equipment, including a relay regulator and a generator for the Moskvich automobile.

In 1950, 3,889,000 rubles were saved by adopting innovations, while 4,196,000 rubles were saved in this manner in the first 7 months of 1951. -- A. Olenin, acting director, Moscow Automobile and Tractor Electrical Equipment Plant No 1

WINS STAKHANOVITE TITLE -- Moscow, Vechernyaya Moskva, 10 Nov 51

The Moscow Automobile and Tractor Electrical Equipment Plant No 2 (ATE-2), Ministry of Automobile and Tractor Industry, has been awarded the Stakhanovite title. Almost 75 percent of the plant's equipment has been placed on the socialist maintenance program. In the first 9 months of 1951, labor productivity at the plant increased 19 percent and production cost of goods decreased 8.5 percent, while profits exceeded 11 million rubles.

MAKE OIL FILTERS; STANDARDIZE THERMOSTATS -- Moscow, Moskovskaya Pravda, 22 Sep 51

The Krasnaya Zvezda Machinery Plant is a comparatively small enterprise, but it makes oil filters and thermostats for all makes of USSR automobiles. The plant has been awarded the Stakhanovite title by the Ministry of Automobile and Tractor Industry.

For a long time, the pressing section held up oil-filter production. Even though it worked three shifts, it could not supply enough filter plates to meet production requirements. An automatic fitting was built so that all that the press operator had to do was to feed the continuous sheet of metal into the press. Production rose sharply, and the plates were of better quality. Three presses were freed for other tasks, and the press section was put on a two-shift basis.

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Plant specialists have developed a standardized two-valve thermostat which can be used on any USSR automobile.

FULFILLS PLAN EARLY -- Moscow, Pravda, 7 Oct 51

The Vladimir Avtopribor (Automobile Instruments) Plant completed its plan for the first 9 months of 1951 17 days ahead of time and reduced the production cost of goods by more than 2 million rubles.

INNOVATIONS SAVE PLANT MONEY -- Moscow, Vechernyaya Moskva, 25 Oct 51

The Moscow Carburetor Plant put 358 innovations into practice in the first 9 months of 1951, making it possible to save 2,300,000 rubles. Two shops, 45 brigades, and 10 sections are turning out only excellent-quality production.

LACK TRUCK PARTS -- Minsk, Sovetskaya Belorussiya, 16 Nov 51

Repairs on GAZ-51 trucks have been held off for 3 months because of a shortage of spare relay-regulators, cabs, radiators, and fenders at the Borisov Automobile Repair Plant. Gavryuchenok, director of the plant, requested the Pinsk Poultry Combine to supply the parts necessary for repairing GAZ-51 trucks sent in for repairs by the combine.

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